

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/048581 A2

- (51) International Patent Classification⁷: **H04N**
- (21) International Application Number:
PCT/US2004/037348
- (22) International Filing Date:
9 November 2004 (09.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/518,902 10 November 2003 (10.11.2003) US
- (71) Applicant (for all designated States except US): **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **LEFEVRE, Chad, Andrew** [US/US]; 8707 Arbor Lake Drive, #1526, Indianapolis, Indiana 46268 (US). **HAWKINS, Bret, David** [US/US]; 1185 River Ridge Drive, Brownsburg, Indiana 46112 (US). **TENBARGE, James, Duane** [US/US]; 11372 Spyglass Ridge Drive, Fishers, Indiana 46038 (US).
- (74) Agents: **TRIPOLI, Joseph, S. et al.**; Two Independence Way, Suite 200, Princeton, NJ 08540 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

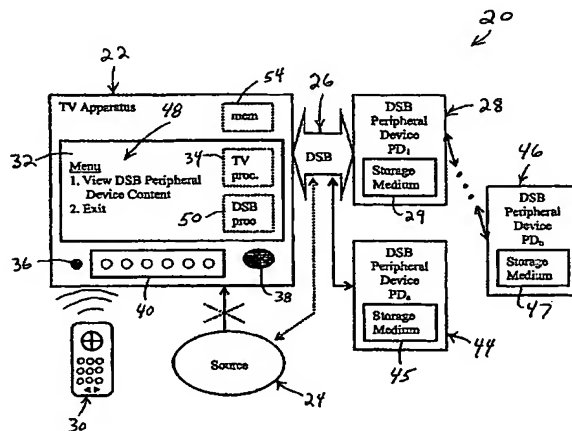
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR PROVIDING DYNAMIC DISPLAY OF CONTENT INFORMATION ASSOCIATED WITH A DEVICE IN A NETWORK



(57) Abstract: A television apparatus is operable to display table of content information from one or more peripheral devices interconnected to the television apparatus via a digital serial bus regardless of whether the television apparatus is currently tuned to the peripheral device. Particularly, table of content information is provided on a per peripheral device basis upon user request. The present invention allows the user to move through tracks of the displayed table of contents and play them, delete them, etc. The user will also be able to cycle through serial bus peripheral devices through the use of an input key on the remote, offering him easy access to multiple tables of contents, and giving the user an easy way to find a desired track. If the user has reached the last serial bus peripheral device in the serial bus list and attempts to input again, the display is wrapped back around to the first serial bus peripheral device. This is useful for allowing the user to start in the middle of the serial bus peripheral device list, as is the case when the user opens the menu when the television apparatus is already using the digital serial bus peripheral device as a current source input.